

Uragan®

Residual Weed Control

Product overview

- Uragan® is a pre-emergent soil residual herbicide that can be used for extended control of both grass and broadleaf weeds in industrial areas, commercial areas and rights of way situations. Uragan is particularly strong on grass weed species
- Contains 800 g/kg bromacil and is ideal for use where control of hard to kill and resistant weeds are present
- Uragan is highly compatible with non-selective knockdown herbicides allowing immediate control of existing weeds
- Once in the soil, Uragan acts to control germinating weeds for up to 12 months reducing the need for multiple herbicide applications
- Uragan is an ideal tool for managing herbicide resistance
- Uragan is a non-scheduled chemical.

Mode of action

GROUP **C** HERBICIDE

Bromacil is a member of the Uracils group of herbicides. Its mode of action is as a photosynthesis disrupter acting to inhibit photosynthesis at the photosystem II pathway. Uragan is mainly absorbed through weed roots and is translocated upward to the foliage via the xylem. Effects on existing weeds may not become apparent until Uragan has reached the root zone and has been absorbed and distributed within the plant. The level of control and duration of effect will depend on soil type, rainfall and the rate applied.

Use rates

3.5 to 6.5 kg/ha

Registered for control of a range of weeds including Annual Ryegrass, Barley Grass, Bathurst Burr, Brome, Grass, Caltrop, Capeweed, Cobbler's pegs, Doublegee (Spiny Emex, Threecornered Jack), Fat-hen, Khaki Weed, Noogoora Burr, Paterson's Curse, Prairie grass, Annual Ragweed, Saffron Thistle, Summer Grass, Thornapple, Wild Mustard, Wild Oats, Wild Radish, Wild Turnip and Winter Grass.

2.0 – 6.5 kg/ha

For retreatment and maintenance of established weed free areas: All of the above weeds.

Retreat as weeds begin to reappear on sites where growth has been controlled. If weeds are already present add a non-ionic surfactant at 100 mL/100 L (0.1% v/v) of spray solution plus a non-selective knockdown herbicide. Use lower rates on lighter soils low in clay or organic matter and higher rates on heavier soils high in clay or organic matter.

Uragan®

Features

- Member of the Group C Uracil herbicide sub-group
- Long lasting residual weed control
- Highly compatible with key knockdown herbicides
- Non-scheduled chemical.

Benefits

- Ideal herbicide resistance management option. Useful rotational product
- Less need to re-treat with knockdown herbicides. Saves time and labour
- Mixes readily with all non-selective herbicides for one pass control of emerged and non-emerged weeds
- Reduced concerns around mixing, application and re-entry into treated areas.

Application recommendations

Large areas
Use a fixed boom sprayer or handgun.
To prevent nozzle blockage, strainer and nozzle screens should be 50 mesh or coarser.
Always agitate in spray tank to keep material in suspension.

(a) Fixed Boom Sprayer
Use 1000 - 2000 L/ha water for industrial weed control. For selective weed control use 250 - 450 L/ha at 200 - 300 kPa pressure.

(b) handgun
Use 1000 - 2000 L/ha and 60 - 800 kPa pressure.

Small areas
Use a knapsack or pressurised hand sprayer or water can. Shake or stir frequently.

DO NOT APPLY URAGAN® BY AIR.

Uragan® needs to go into the spray tank first (after water conditioners e.g. ammonium sulphate) and added steadily into the tank.

Uragan protection of non-target plants

- DO NOT apply or drain or flush equipment on or near desirable trees or other plants or where their roots may extend
- DO NOT spray under weather conditions or from sprayer equipment that may cause spray to drift
- Leave a 50 m buffer zone between spray and nearest trees.

How to get the best results from Uragan

For the maximum long term residual results, target bare soil ensuring good coverage. When weeds are already present, Uragan® should be applied in combination with a non-selective knockdown herbicide e.g. Wipe-Out® (glyphosate), Exonerate® (glufosinate) or Spraytop® (paraquat) and a suitable surfactant. Apply within 10 weeks of germination of winter weeds - usually in June to August. Long term residual control may not be as effective where heavy organic matter loads prevent Uragan® from reaching the soil and the root zone. Best results will be achieved where rain occurs within a week of application.

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